TM 11–5895–453–24P

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

FOR

RADIO TERMINAL SETS AN/TRC–145(V)1, AN/TRC–145(V)2, AN/TRC–145(V)3, AN/TRC–145A(V)1, AN/TRC–145A(V)2, AND AN/TRC–145A(V)3
(NSN 5820–00–791–3365)

HEADQUARTERS, DEPARTMENT OF THE ARMY
JUNE 1976

TECHNICAL MANUAL
No. 11–5895–453–24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, *18 June 1976*

Organizational, Direct Support, and General Support Maintenance Repair Parts and Special Tools Lists (Including Depot Maintenance Repair Parts and Special Tools)

For

RADIO TERMINAL SETS AN/TRC–145(V)1, AN/TRC–145(V)2, AN/TRC–145(V)3, AN/TRC–145A(V)1, AN/TRC–145A(V)2, AND AN/TRC–145A(V)3 (NSN 5820–00–791–3365)

Current as of 1 January 1976

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028–2 (Test) located in the back of the manual. Simply tear out the self addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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*This manual supersedes so much of TM 11–5895–453–14, 31 January 1973, as pertains to repair parts and special tools lists.

SECTION I

INTRODUCTION

1. Scope

This manual lists repair parts; special tools; and other support equipment required for performance of organizational, direct support and general support maintenance of the AN/TRC-145(V)1, EN/TRC-145(V)2, AN/TRC-145(V)3, AN/TRC-145A(V)1, AN/TRC-145A(V)2, and AN/TRC-145A(V)3.

2. General

These Repair Parts and Special Tools Lists are divided into the following sections:

a. Section II. Repair Parts List. A list of repair parts authorized for use in performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in ascending National item identification number (NIIN last 9 digits) sequence, of all National stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number.* The number used to identify each item called out in the illustration.

b. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source code.* Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	*Definition*
PA	—Item procured and stocked for anticipated or known usage.
PD	—Support item, excluding support equipment procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
XD	—A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XD, and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(*a*) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	*Application/Explanation*
O	—Support item is removed, replaced, used at the organizational level.
F	—Support item is removed, replaced, used at the direct support level.

(*b*) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	*Application/Explanation*
O	—The lowest maintenance level capable of complete repair of the support item is the organizational level.
H	—The lowest maintenance level capable of complete repair of the support item is the general support level.
D	—The lowest maintenance level capable of complete repair of the support item is the depot level.
Z	—Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	*Definition*
Z	—Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
F	—Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
H	—Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D	—Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements, to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. Usable on codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	*Used On*
2TL	AN/TRC-145(V)1
2TM	AN/TRC-145(V)2
2TN	AN/TRC-145(V)3
5A2	AN/TRC-145A(V)1
5A3	AN/TRC-145A(V)2
5A4	AN/TRC-145A(V)3

b. The following publications pertain to the AN/TRC-145(V)1, AN/TRC-145(V)2, AN/TRC-145(V)3, AN/TRC-145A(V)1, AN/TRC-145A(V)2, and AN/TRC-145A(V)3 and their components:

TM 11-5805-201-12, Telephone Set TA-312/PT.
TM 11-5805-201-35, Telephone Set TA-312/PT.
TM 11-5805-367-25P/2, Multiplexer TD-204/U.
TM 11-5805-367-25P/5, Converter, Telephone Signal CV-1548/G, CV-1548A/G, and 18A4 Panel Assembly.
TM 11-5805-382-12, Multiplexers TD-660/G and TD-660A/G.
TM 11-5805-382-35P, Multiplexer TD-660A/G and Dual Inline Packaging Configuration.
TM 11-5805-383-12, Multiplexer TD-754/G.
TM 11-5805-383-35, Multiplexer TD-754/G.
TM 11-5810-232-12P, Communications Security Equipment TSEC KG-27.
TM 11-5810-232-34P, Communications Security Equipment TSEC KG-27.
TM 11-5820-540-12, Radio Sets AN/GRC-103(V)1, 2, and 3 and Extension Kit, Mast MK-1009/GRC-103(V).
TM 11-5820-540-35P-2, Radio Set AN/GRC-103(V)2.
TM 11-5830-221-24P, Intercommunications Station LS-147C/FI.
TM 11-5895-453-14, Radio Terminal Sets AN/TRC-145(V)1, AN/TRC-145(V)2, AN/TRC-145(V)3, AN/TRC-145A(V)1, AN/TRC-145A(V)2, and AN/TRC-145A(V)3.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown:

(1) *First.* Using the table of contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known:

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NIIN sequence followed by a list of part numbers in ascending alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

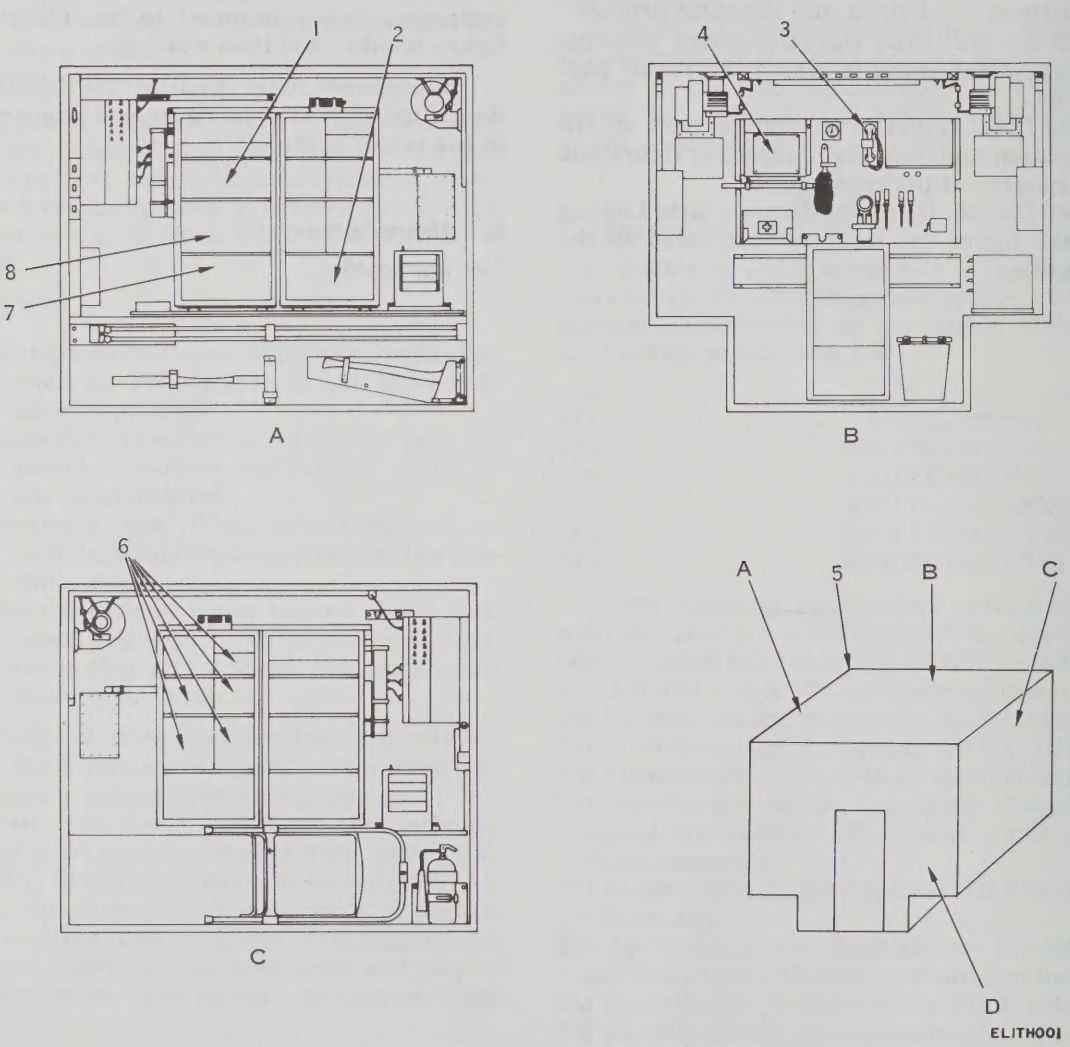


Figure 1. Radio Terminal Set AN/TRC-145.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 RADIO TERMINAL SET AN/TRC-145(V)		
1	1	PDDDD		TSECKG27	80058	KEY GENERATOR,ELECTRONIC	EA	1
1	2	PDDDD	5805-00-900-8200	TD204U	80058	MULTIPLEXER	EA	2
						OR		
1	2	PDDDD	5820-00-930-8078	TD754G	80058	MULTIPLEXER	EA	2
1	3	PDDDD	5805-00-543-0012	TA312PT	80058	TELEPHONE SET	EA	1
1	4	PDDDD	5830-00-752-5357	LS147CFI	80058	INTERCOMMUNICATION STATION	EA	1
1	5	PDFHH	5410-00-130-5806	S390TRC145	80058	SHELTER FACILITY	EA	1
						OR		
1	5	PDFHH		S390ATRC145	80058	SHELTER FACILITY	EA	1
						OR		
1	5	PDFHH		S380ATRC145	80058	SHELTER FACILITY	EA	1
1	6	PDDDD	5820-00-868-8137	ANGRC103V	80058	RADIO SET	EA	2
1	7	PDDDD	5805-00-065-8705	CV1548G	80058	CONVERTER,TELEPHONE SIGNAL	EA	2
1	8	PDDDD	5820-00-930-8079	TD660G	80058	MULTIPLEXER	EA	2
						OR		
1	8	PDDDD	5820-00-928-3382	TD660AG	80058	MULTIPLEXER	EA	2

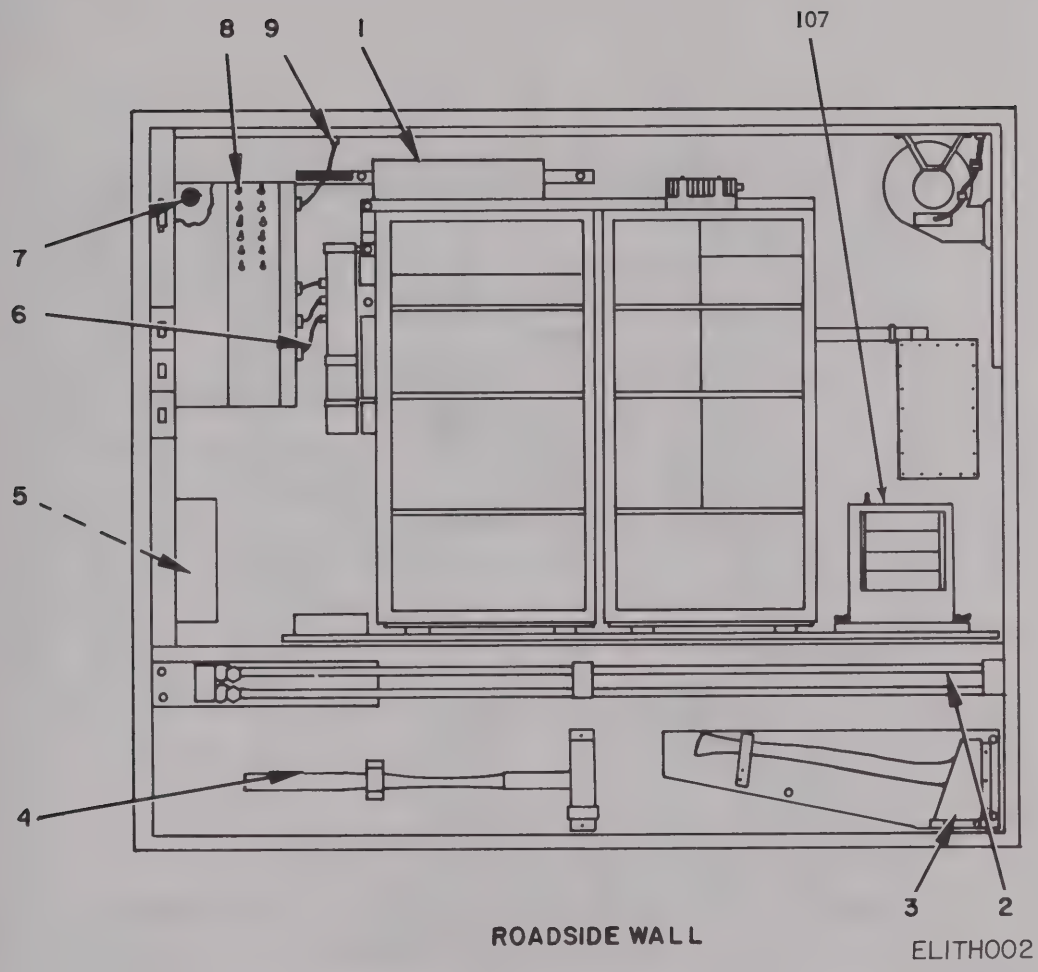


Figure 2. Shelter Facility S-390/TRC-145 (Sheet 1 of 6).

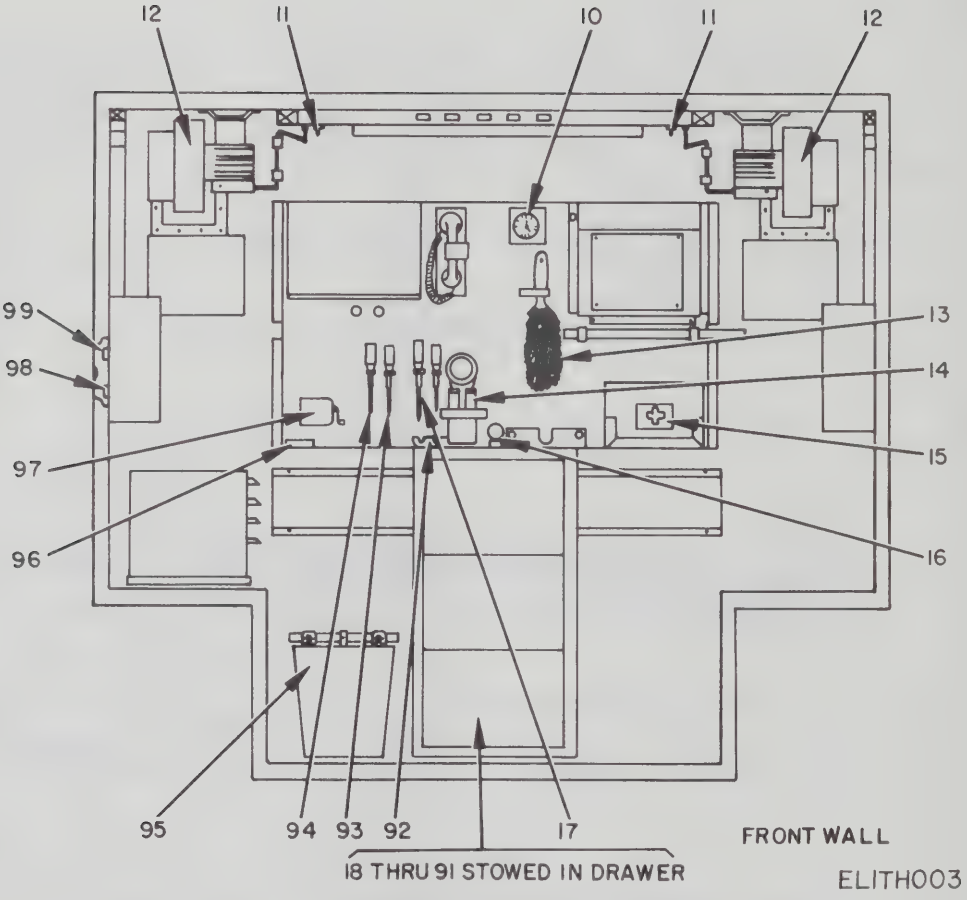


Figure 2. Shelter Facility S-390/TRC-145 (Sheet 2 of 6).

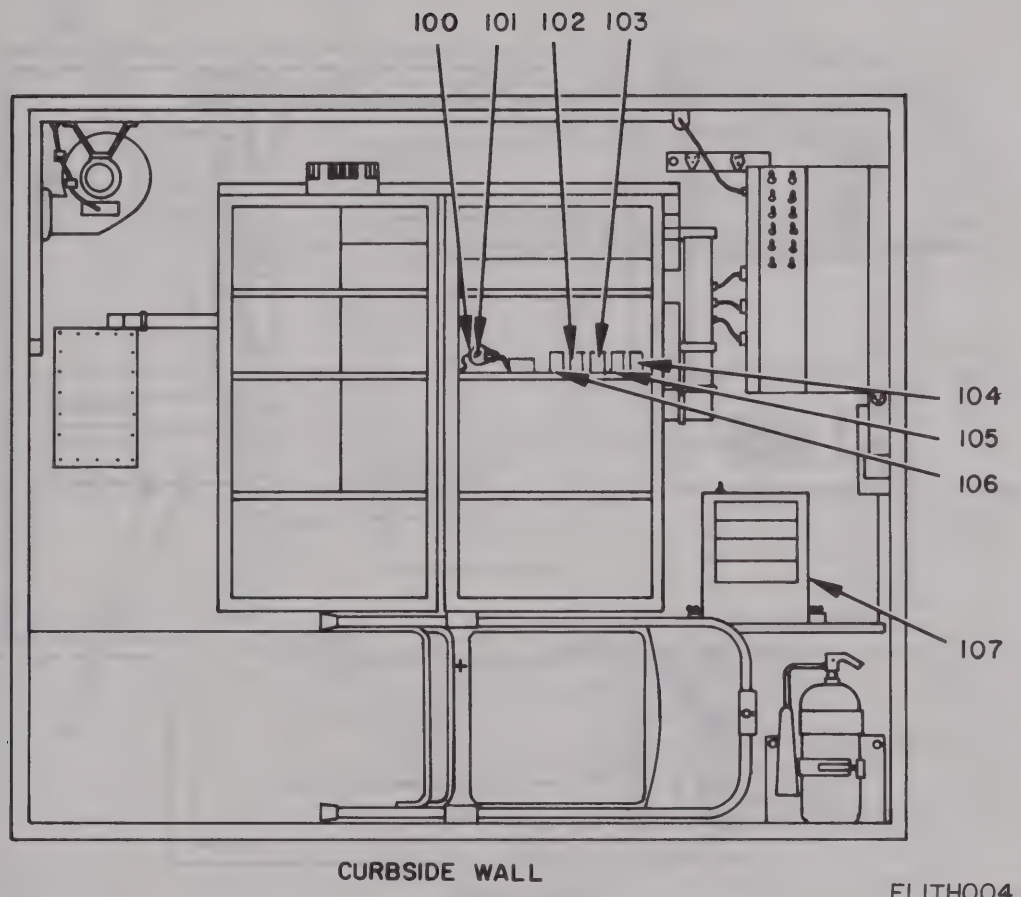


Figure 2. Shelter Facility S-390/TRC-145 (Sheet 3 of 6).

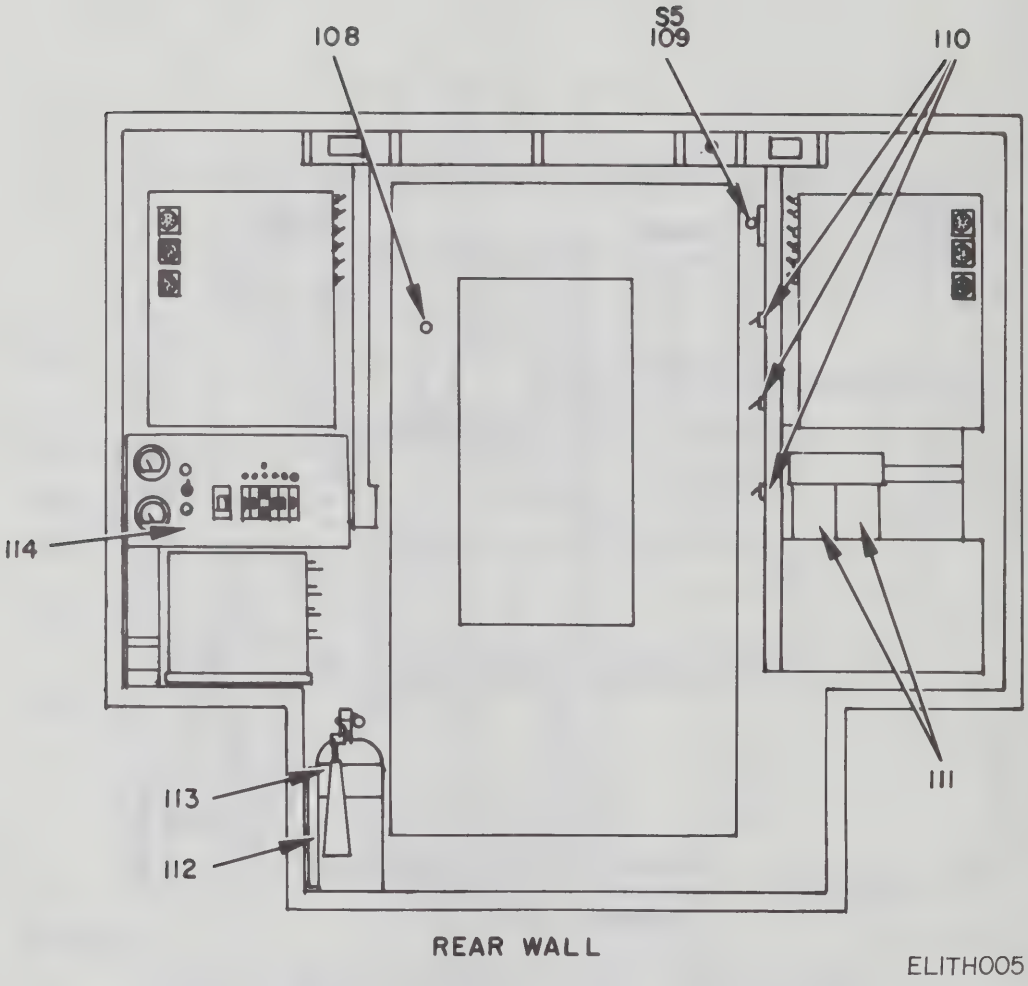


Figure 2. Shelter Facility S-390/TRC-145 (Sheet 4 of 6).

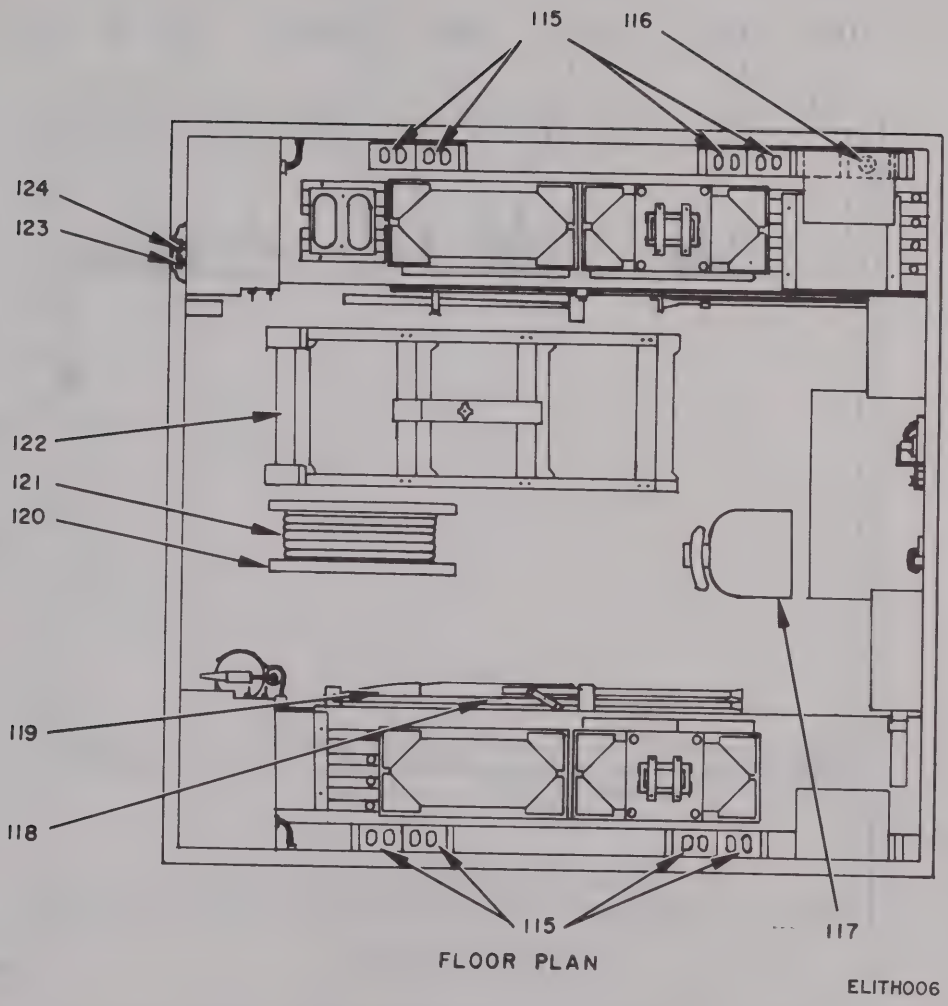


Figure 2. Shelter Facility S-390/TRC-145 (Sheet 5 of 6).

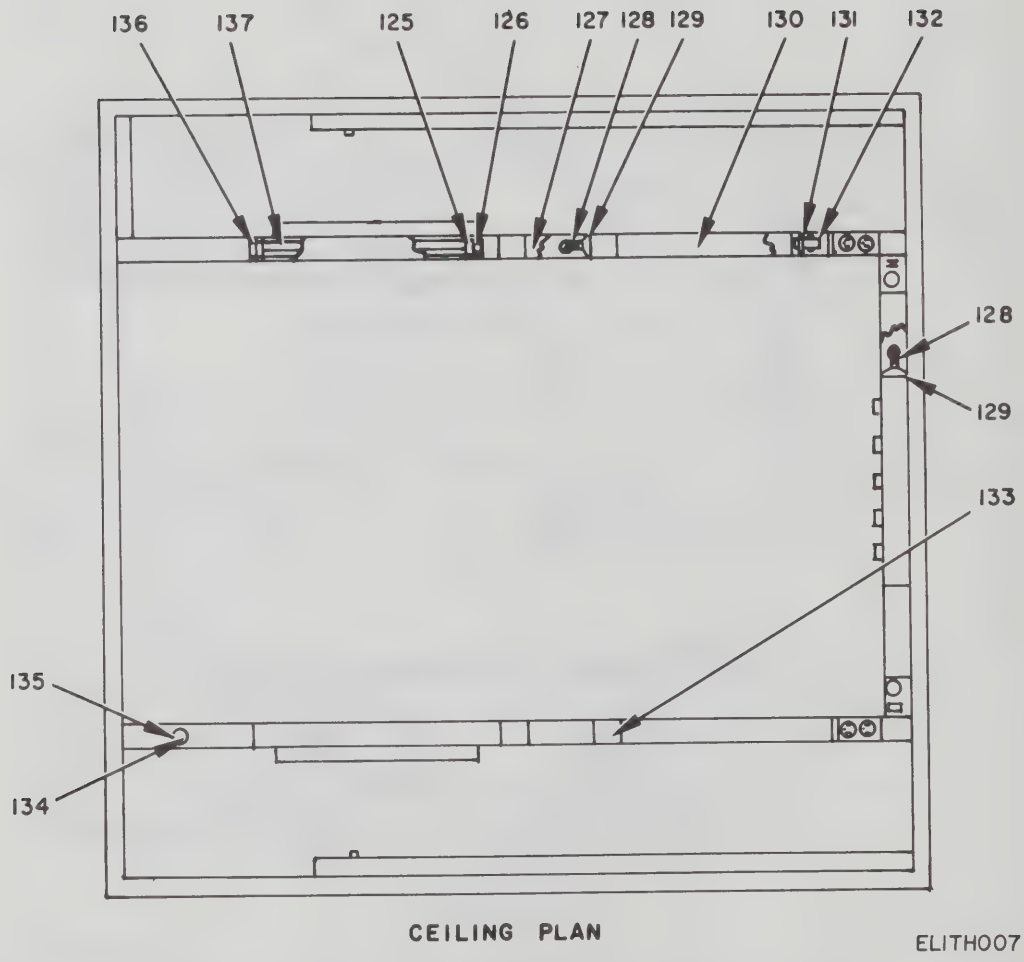


Figure 2. Shelter Facility S-390/TRC-145 (Sheet 6 of 6).

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 05 SHELTER FACILITY S-390/TRC-145		
2	1	PAOZZ	7910-00-900-1678	2800	29335	CLEANER,VACUUM	EA	1
2	2	PAOZZ	5975-00-224-5260	MX148G	80058	GROUND ROD	EA	2
2	3	PAOZZ	5110-00-115-5049	SCC539451	80063	AXE,SINGLE BIT	EA	1
2	4	PAOZZ	5120-00-900-6096	SCC539505	80063	HAMMER,HAND	EA	1
2	5	PAOZZ	5915-00-946-536[illegible]	JW17-1122	56289	FILTER,AUDIO	EA	4
2	6	PAOZZ		SCD627148	80063	CABLE ASSEMBLY,POWER ELECTRICAL	EA	2
2	7	PAOZZ	5920-00-930-2307	SCB547233	80063	ARRESTER,LIGHTNING	EA	4
2	8	PAOZZ	5930-00-892-9393	MS25308-232	96906	SWITCH,TOGGLE	EA	24
2	9	PAOZZ	5935-00-134-5266	U2378G	80058	CONNECTOR,PLUG,ELECTRICAL	EA	3
2	10	PAOZZ	6645-00-410-2395	SCC539475	80063	CLOCK,AIRCRAFT,MECHANICAL	EA	1
2	11	PAOZZ	5930-00-999-6934	5225	75582	SWITCH AND RECEPTACLE ASSEMBLY	EA	2
2	12	PAOZZ	6105-00-234-3504	SCD539825	80063	MOTOR,ALTERNATING,CURRENT	EA	2
2	13	PAOZZ	5805-00-342-4521	SCC539469	80063	BRUSH,DUSTING,BENCH	EA	1
2	14	PAOZZ	6230-00-729-9614	SCC539491	80063	LANTERN,ELECTRIC	EA	1
2	15	PAOZZ	6545-00-922-1200	SCD539483	80063	FIRST AID KIT,GENERAL PURPOSE	EA	1
2	16	PAOZZ	6605-00-264-3994	800090	33363	COMPASS,MAGNETIC	EA	1
2	17	PAOZZ	5120-00-234-8910	SCC539502-4	80063	SCREWDRIVER,FLAT TIP	EA	1
2	18	PAOZZ	5935-00-135-6163	10-37093-323	77820	ADAPTER,ELECTRICAL,CONNECTOR	EA	1
2	19	PAOZZ		G1519A12881-25P	06324	ADAPTER,ELECTRICAL,CONNECTOR	EA	6
2	20	PAOZZ		CX7453AU	80058	CABLE ASSEMBLY,POWER,ELECTRICAL	EA	1
2	21	PAOZZ	5995-00-133-9125	CX10734G	80058	CABLE ASSEMBLY,ADAPTOR	EA	2
2	22	PAOZZ		CX7705AU	80058	CABLE ASSEMBLY,POWER,ELECTRICAL	EA	1
2	23	PAOZZ	5995-00-192-9607	SCD595511GP1	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	8
2	24	PAOZZ	5995-00-192-9607	SCD595511GP2	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	14
2	25	PAOZZ	5995-00-192-9605	SCD595511GP3	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	22
2	26	PAOZZ		SCD595511GP4	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	2
2	27	PAOZZ		SCD627094GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	4
2	28	PAOZZ		SCD627093GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	2
2	29	PAOZZ		SCD627091GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	2
2	30	PAOZZ		SCD627084GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	2
2	31	PAOZZ	5995-00-736-0943	SCC343394GP1	80063	CABLE ASSEMBLY,AUDIO	EA	1
2	32	PAOZZ		SCD681112GP1	80063	CABLE ASSEMBLY,POWER,ELECTRICAL	EA	2
2	33	PAOZZ		SCD681112GP2	80063	CABLE ASSEMBLY,POWER,ELECTRICAL	EA	4
2	34	PAOZZ	5995-00-192-9608	SCD595511GP1	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	10
2	35	PAOZZ	5995-00-192-9608	SCD595511GP2	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	4
2	36	PAOZZ		SCD595511GP3	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	3
2	37	PAOZZ		SCD595511GP4	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	9
2	38	PAOZZ	5995-00-197-6366	SCD595511GP5	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	13
2	39	PAOZZ	5995-00-195-0958	SCD595511GP6	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1
2	40	PAOZZ	5995-00-181-9545	SCD693658GP1	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
2	41	PAOZZ	5995-00-181-6546	SCD693E59GP2	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1
2	42	PAOZZ		SCD627081GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	1
2	43	PAOZZ	5995-00-426-1098	SCD627081GP2	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	4
2	44	PAOZZ		SCD627093GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	1
2	45	PAOZZ		SCD627091GP2	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	1
2	46	PAOZZ		SCD627094GP2	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	4
2	47	PAOZZ	5995-00-913-0471	SCD681007GP1	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	6
2	48	PAOZZ		SCD693662	80063	CABLE ASSEMBLY,TELEPHONE	EA	1
2	49	PAOZZ		SMD586160	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	1
2	50	PAOZZ	5995-00-428-6299	SMD693662	80063	CABLE ASSEMBLY,TELEPHONE	EA	1
2	51	PAOZZ	5999-00-136-9040	SCC388423	80063	CAP,ELECTRICAL CONNECTOR	EA	2
2	52	PAOZZ	5935-00-837-5966	UG710CU	80058	CONNECTOR,PLUG,ELECTRICAL	EA	2
2	53	PAOZZ	5935-00-836-6522	UG910CU	80058	CONNECTOR,PLUG,ELECTRICAL	EA	4
2	54	PAOZZ	5995-00-351-3107	SCD681007GP2	80063	CABLE ASSEMBLY,SPECIAL PURPOSE	EA	6
2	55	PAOZZ	5340-00-481-8934	MS90376-14Y	96906	CAP,ELECTRICAL,CONNECTOR	EA	6
2	56	PAOZZ		CW282AU	80058	CAP,ELECTRICAL,CONNECTOR	EA	100
2	57	PAOZZ	5925-00-681-4952	MS25244-10	96906	CIRCUIT BREAKER	EA	1
2	58	PAOZZ		MS3515-1	96906	CONNECTOR,PLUG,ELECTRICAL	EA	2
2	59	PAOZZ	5935-00-484-5033	BTG6B12-3S	09922	CONNECTOR,PLUG,ELECTRICAL	EA	6
2	60	PAOZZ	5935-00-405-9232	MS3116F12-8P	96906	CONNECTOR,PLUG,ELECTRICAL 2TL, 2TM, 5A2, 5A3, 5A4	EA	4
2	61	PAOZZ	5935-00-405-9232	MS3116F12-8P	96906	CONNECTOR,PLUG,ELECTRICAL 2TN	EA	8
2	62	PAOZZ	5935-00-403-7661	MS3116F12-8S	96906	CONNECTOR,PLUG,ELECTRICAL	EA	6
2	63	PAOZZ	5935-00-930-1210	13738	81737	CONNECTOR,PLUG,ELECTRICAL	EA	10
2	64	PAOZZ	5935-00-758-5250	RJ79-2	14949	CONNECTOR,PLUG,ELECTRICAL	EA	4
2	65	PAOZZ	5935-00-813-4720	MS3114E14-19P	96906	CONNECTOR,PLUG,ELECTRICAL	EA	6
2	66	PAOZZ	5935-00-849-8278	MS35170-2600	96906	CONNECTOR,PLUG,ELECTRICAL	EA	4
2	67	PAOZZ	5935-00-957-0807	PT06W14-19S	77820	CONNECTOR,PLUG,ELECTRICAL	EA	24
2	68	PAOZZ		UG260EU	80058	CONNECTOR,PLUG,ELECTRICAL	EA	100
2	69	PAOZZ	5935-00-949-5244	13739	81737	CONNECTOR,PLUG,ELECTRICAL	EA	10
2	70	PAOZZ	5935-00-660-4302	UG573BU	80058	CONNECTOR,PLUG,ELECTRICAL	EA	2
2	71	PAOZZ	5935-00-931-7490	UP221M	80058	CONNECTOR,PLUG,ELECTRICAL	EA	12
2	72	PAOZZ	5935-00-892-0304	PT06E10-6SPSR	77820	CONNECTOR,PLUG,ELECTRICAL	EA	2
2	73	PAOZZ	5935-00-902-8856	MS3116F8-3S	96906	CONNECTOR,PLUG,ELECTRICAL	EA	4
2	74	PAOZZ	5935-00-771-2262	MS3116F12-10P	96906	CONNECTOR,PLUG,ELECTRICAL	EA	4
2	75	PAOZZ	5935-00-702-1207	UG710BU	80058	CONNECTOR,PLUG,ELECTRICAL	EA	2
2	76	PAOZZ	5935-00-105-4641	PL75	14949	CONNECTOR,PLUG,ELECTRICAL	EA	4
2	77	PAOZZ	5935-00-933-3454	5361	74545	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2
2	78	PAOZZ	5935-00-259-3347	UG414AU	80058	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	36
2	79	PAOZZ	5935-00-064-5560	UG1375U	80058	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2
2	80	PAOZZ	5935-00-449-7747	UG1837U	80058	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
2	81	PAOZZ	5935-00-762-1495	MS3116F12-10S1	96906	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	4
2	82	PAOZZ	5935-00-762-1495	MS3116F12-10S	96906	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2
2	83	PAOZZ	5935-00-577-8846	U187BG	80058	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2
2	84	PAOZZ	5935-00-992-0311	PT02E10-98S	77820	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2
2	85	PAOZZ	5935-00-064-5732	U238BG	80058	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2
2	86	PAOZZ	5975-00-947-3068	U37B0FS	21873	COVER,ELECTRICAL,CONNECTOR	EA	1
2	87	PAOZZ	5820-00-987-9269	CW593U	81349	COVER,ELECTRICAL,CONNECTOR	EA	2
2	88	PAOZZ	5935-00-965-8146	10-37147-28	77820	COVER,ELECTRICAL,CONNECTOR	EA	1
2	89	PAOZZ	5935-00-813-4080	10-101560-103	12143	COVER,RECEPTACLE,ELECTRICAL	EA	1
2	90	PAOZZ	5935-00-477-1273	16532	91737	JACK,TELEPHONE	EA	8
2	91	PAOZZ	5930-00-865-6101	5521-1	03497	SWITCH,TOGGLE	EA	3
2	92	PAOZZ	9920-00-682-6757	AAA710	81349	ASHTRAY	EA	1
2	93	PAOZZ	5120-00-234-8913	SCC539894-3	80063	SCREWDRIVER,CROSSTIP	EA	1
2	94	PAOZZ	5120-00-234-8912	SCC539894-4	80063	SCREWDRIVER,CROSSTIP	EA	1
2	95	PAOZZ	7520-00-159-4863	SCD539454	80063	BASKET,WASTE PAPER	EA	1
2	96	PAOZZ	5210-00-221-1882	GGGT1066	81349	TAPE,MEASURING	EA	1
2	97	PAOZZ	7520-00-162-6178	SCC539503	80063	SHARPENER,PENCIL	EA	1
2	98	PAOZZ	5935-00-947-2925	ESC194239GR2	80063	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	1
2	99	PAOZZ		ESC194240GR2	80063	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	1
2	100	PAOZZ	6230-00-115-2687	SCC539496	80063	LIGHT,EXTENSION	EA	1
2	101	PAOZZ		50WRS	02580	LAMP,INCANDESCENT	EA	1
2	102	PAOZZ	5120-00-946-5148	SCB539592	80063	GRIP,CABLE,WOVEN	EA	2
2	103	PAOZZ	5120-00-946-5114	SCB539593	80063	GRIP,CABLE,WOVEN	EA	1
2	104	PAOZZ	5120-00-293-2692	SCB539548	80063	EXTRACTOR,ELECTRON TUBE	EA	1
2	105	PAOZZ	5120-00-293-2696	SCB539547	80063	EXTRACTOR,ELECTRON TUBE	EA	1
2	106	PAOZZ	6150-00-495-1214	SCB539492	80063	LEAD,ELECTRICAL	EA	1
2	107	PAFZZ	4520-00-177-6198	P15C10	17032	HEATER	EA	2
2	108	PAOZZ	5340-00-930-1476	CB101	23404	VIEWER,DOOR	EA	1
2	109	PAOZZ	5930-00-202-0878	BZ2RW822A2	91929	SWITCH,SENSITIVE	EA	1
2	110	PAOZZ	5930-00-827-0034	1201	74545	SWITCH,TOGGLE	EA	3
2	111	PAOZZ	5915-00-909-7762	SP289	81831	FILTER,RADIO FREQUENCY	EA	2
2	112	PAOZZ	4210-00-595-4085	SCC539468	80063	BRACKET,FIRE EXTINGUISHER	EA	1
2	113	PAOZZ	4210-00-270-4512	SCD539482	80063	EXTINGUISHER,FIRE	EA	1
2	114	XDOOF		SCD693646	80063	POWER DISTRIBUTION PANEL	EA	1
2	115	PAOZZ	5935-00-283-4003	5262	74545	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	8
2	116	PAOZZ	5935-00-350-1834	5261	74545	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	1
2	117	PAOZZ	7110-00-273-8791	SCD539552	80063	CHAIR,ROTARY	EA	1
2	118	PAOZZ	7210-00-753-3043	SCC539526	80063	CUSHION,CHAIR	EA	1
2	119	PAOZZ	7105-00-269-8463	SCD539471	80063	CHAIR,FOLDING	EA	1
2	120	PAOZZ	8130-00-656-1090	RC435U	80058	REEL,CABLE	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
2	121	PAOZZ	6145-00-752-2473	WT26U	80058	CABLE,POWER,ELECTRICAL	FT	115
2	122	PAOZZ	2540-00-846-8483	MX3543G	80063	LADDER,VEHICLE BOARDING	EA	1
2	123	PAOZZ	5970-00-869-6263	SCC76202-1	80063	CAP,ELECTRICAL	EA	108
2	124	PAOZZ	5940-00-283-5386	L106U	80058	BINDING POST	EA	108
2	125	PAOZZ	6250-00-227-0317	78X736	24455	LAMPHOLDER	EA	5
2	126	PAOZZ	6250-00-194-4794	SCB539504	80063	STARTER,FLUORESCENT LAMP	EA	5
2	127	PAOZZ	6210-00-451-8350	SCC539466-1	80063	SHIELD,LAMP,INCANDESCENT	EA	2
2	128	PAOZZ	6240-00-155-8653	25T8DC	99407	LAMP,INCANDESCENT	EA	4
2	129	PAOZZ	6250-00-665-5074	12-240	72619	LAMPHOLDER	EA	4
2	130	PAOZZ	6210-00-921-6682	SCC539466	80063	SHIELD,LAMP,FLUORESCENT	EA	5
2	131	PAOZZ	5910-00-142-4515	S32943	56289	CAPACITOR,PAPER DIELECTRIC	EA	2
2	132	PAOZZ	6250-00-804-3449	89G457D	99407	BALLAST,LAMP	EA	5
2	133	PAOZZ	5915-00-116-8916	591R	07777	FILTER,RADIO INTERFERENCE	EA	5
2	134	PAOZZ	6240-00-635-9753	NE34	24455	LAMP,GLOW	EA	1
2	135	PAOZZ	6250-00-299-6562	4109	74545	LAMPHOLDER	EA	1
2	136	PAOZZ	6250-00-158-8900	MILL19037	81349	LAMPHOLDER	EA	5
2	137	PAOZZ	6240-00-152-2996	SCC539495	80063	LAMP,FLUORESCENT	EA	5

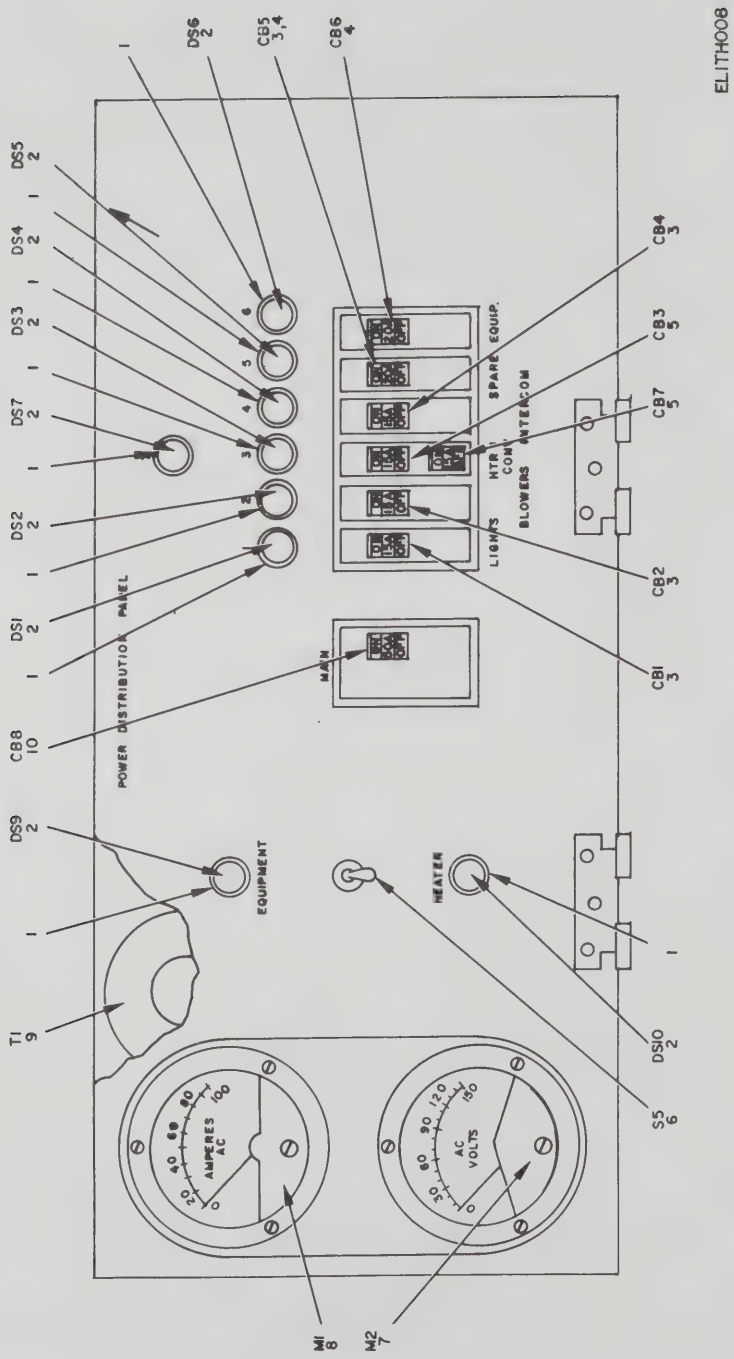


Figure 3. Power Distribution Panel.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0503 POWER DISTRIBUTION PANEL		
3	1	PAOZZ	6210-00-087-4248	37-040A-0331-245	72619	LAMPHOLDER	EA	9
3	2	PAOZZ	6240-00-223-9100	NE51	24455	LAMP,GLOW	EA	9
3	3	PAOZZ	5925-00-818-4811	QO-115	04809	CIRCUIT BREAKER 2TL,2TM,5A2,5A3,5A4	EA	3
3	3	PAOZZ	5925-00-818-4811	QO-115	04809	CIRCUIT BREAKER 2TN	EA	4
3	4	PAOZZ	5925-00-583-7941	QO-120	04809	CIRCUIT BREAKER 2TL,2TM,5A2,5A3,5A4	EA	2
3	4	PAOZZ	5925-00-583-7941	QO-120	04809	CIRCUIT BREAKER 2TN	EA	1
3	5	PAOZZ	5925-00-815-6657	QO-1515	04809	CIRCUIT BREAKER 2TL,2TM,5A2,5A3,5A4	EA	1
3	5	PAOZZ	5925-00-011-2540	QO-2020	04809	CIRCUIT BREAKER 2TN	EA	1
3	6	PAOZZ	5930-00-543-8394	MS25103-23	96906	SWITCH,TOGGLE	EA	1
3	7	PAOZZ	6625-00-669-5019	MR36W150ACVVR	81349	VOLTMETER	EA	1
3	8	PAOZZ	6625-00-854-6787	MR36W100ACCAR	81349	AMMETER	EA	1
3	9	PAOZZ	5950-00-892-820P	3CT11B	53C93	TRANSFORMER,CURRENT	EA	1
3	10	PAOZZ	5925-00-703-6084	QO-250	04809	CIRCUIT BREAKER	EA	1

Figure 4. Loopback Kit

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
						USABLE ON CODE		
						GROUP 0901 LOOPBACK KIT		
4	1	PAOZZ		SCD595511GR87	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1
4	2	PAOZZ	5995-00-195-0958	SCD595511GR88	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1
4	3	PAOZZ	5995-00-181-9545	SCD693658GR9	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1
4	4	PAOZZ	5995-00-177-4555	SCD681112GR2	80063	CABLE ASSEMBLY,SHIELDED,POWER	EA	1
4	5	PAOZZ	5995-00-181-9545	SCD693658GR10	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1
4	6	PAOZZ		SCD595511GR86	80063	CABLE ASSEMBLY,RADIO FREQUENCY	EA	1

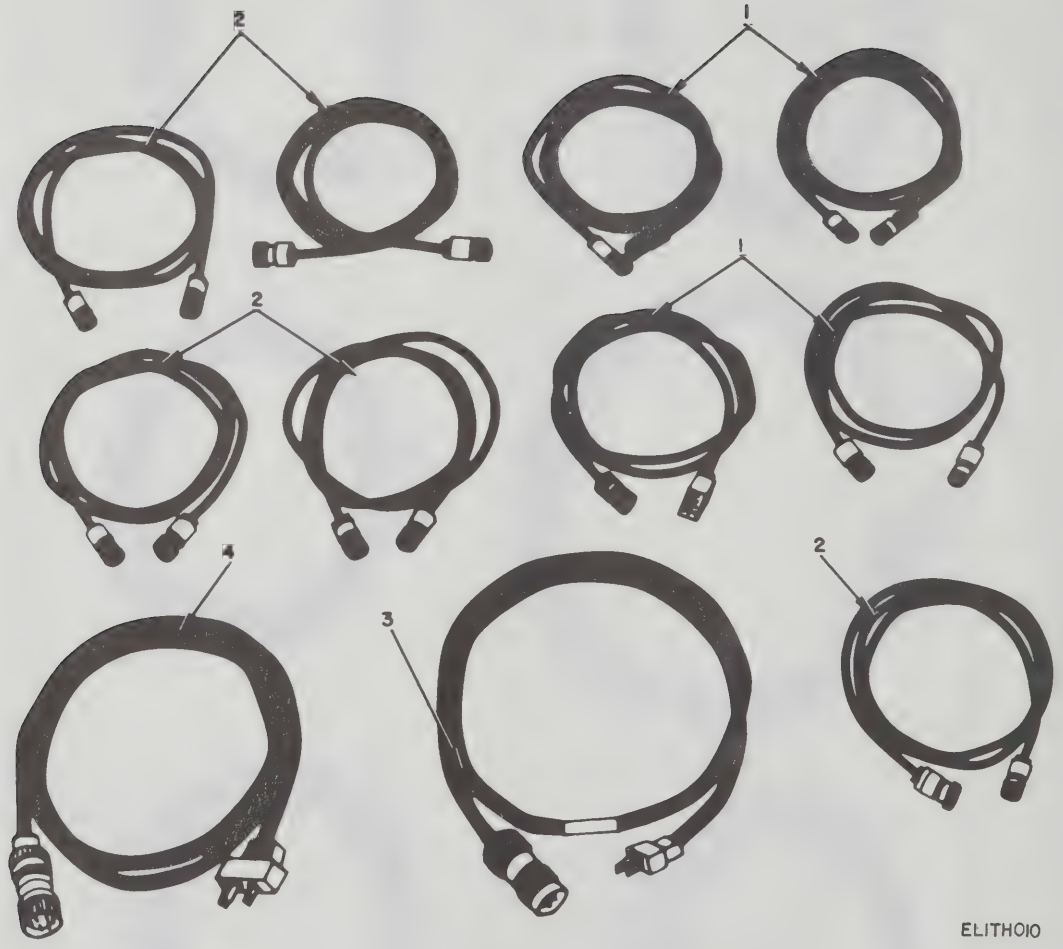


Figure 5. Installation Kit.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 0902 INSTALLATION KIT		
5	1	PAOZZ	5995-00-177-4667	CG3419U	80058	CABLE ASSEMBLY,VIDEO	EA	4
5	2	PAOZZ	5995-00-177-4675	CG3473U	80058	CABLE ASSEMBLY,RADIO FREQUENCY	EA	5
5	3	PAOZZ	5995-00-177-4665	CX10764G	80058	CABLE ASSEMBLY,SHIELDED POWER	EA	1
5	4	PAOZZ		CX11727G	80058	CABLE ASSEMBLY,POWER,ELECTRICAL	EA	1

NOTE: LATEST NATIONAL STOCK NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

STOCK NUMBER	FIGURE NO.	ITEM NO.
5925-00-011-2540	3	5
5935-00-064-5560	2	79
5935-00-064-5732	2	85
5805-00-069-8795	1	7
6210-00-087-4248	3	1
5935-00-105-4641	2	76
6230-00-115-2687	2	100
5110-00-115-5049	2	3
5915-00-116-8916	2	133
5410-00-130-5806	1	5
5995-00-133-9125	2	21
5935-00-134-5266	2	9
5935-00-135-6163	2	18
5999-00-136-9040	2	51
5910-00-142-4515	2	131
6240-00-152-2996	2	137
6240-00-155-8653	2	128
6250-00-158-8900	2	136
7520-00-159-4863	2	95
7520-00-162-6178	2	97
5995-00-177-4555	4	4
5995-00-177-4665	5	3
5995-00-177-4667	5	1
5995-00-177-4675	5	2
4520-00-177-6198	2	107
5995-00-181-9545	2	40
5995-00-181-9545	4	3
5995-00-181-9545	4	5
5995-00-181-9546	2	41
5995-00-192-9605	2	25
5995-00-192-9607	2	23
5995-00-192-9607	2	24
5995-00-192-9608	2	34
5995-00-192-9608	2	35
6250-00-194-4794	2	126
5995-00-195-0958	2	39
5995-00-197-6399	2	38
5930-00-202-0878	2	109
5210-00-221-1882	2	96
6240-00-223-9100	3	2
5975-00-224-5260	2	2
6250-00-227-0317	2	125
6105-00-234-3504	2	12
5120-00-234-8910	2	17
5120-00-234-8912	2	94
5120-00-234-8913	2	93
5935-00-259-3347	2	78
6605-00-264-3994	2	16
7105-00-269-8463	2	119
4210-00-270-4512	2	113
7110-00-273-8791	2	117
5935-00-283-4003	2	115
5940-00-283-5386	2	124
5120-00-293-2692	2	104
5120-00-293-2696	2	105
6250-00-299-6562	2	135
5805-00-342-4521	2	13
5935-00-350-1834	2	116
5995-00-351-3107	2	54
5935-00-403-7661	2	62
5935-00-405-9232	2	60
5935-00-405-9232	2	61
6645-00-410-2395	2	10
5995-00-426-1098	2	43
5995-00-428-6299	2	50
5935-00-449-7747	2	80
6210-00-451-8350	2	127
5935-00-477-1273	2	90
5340-00-481-8934	2	55
5935-00-484-5033	2	59
6150-00-495-1214	2	106
5805-00-543-0012	1	3
5930-00-543-8394	3	6
5935-00-577-8846	2	83
5925-00-583-7941	3	4
5925-00-583-7941	3	4
4210-00-595-4085	2	112
6240-00-635-9753	2	134
8130-00-656-1090	2	120
5935-00-660-4302	2	70
6625-00-669-5019	3	7
5925-00-681-4952	2	57
9920-00-682-6757	2	92
5925-00-703-6084	3	10
6230-00-729-9614	2	14
5995-00-736-0943	2	31
6145-00-752-2473	2	121
5830-00-752-5357	1	4
7210-00-753-3043	2	118
5935-00-758-5250	2	64
5935-00-762-1495	2	81
5935-00-762-1495	2	82
5935-00-771-2262	2	74
6250-00-804-3449	2	132
5935-00-813-4080	2	89
5935-00-813-4720	2	65
5925-00-815-6657	3	5
5925-00-818-4811	3	3
5925-00-818-4811	3	3
5930-00-827-0034	2	110
5935-00-836-6522	2	53
5935-00-837-5966	2	52
2540-00-846-8483	2	122
5935-00-849-8278	2	66
6625-00-854-6787	3	8
5930-00-865-6101	2	91
5820-00-868-8137	1	6
5970-00-869-6263	2	123
5950-00-892-8208	3	9
5930-00-892-9393	2	8
7910-00-900-1678	2	1
5120-00-900-6096	2	4
5805-00-900-8200	1	2
5935-00-902-8856	2	73
5915-00-909-7762	2	111
5995-00-913-0471	2	47
6210-00-921-6682	2	130
6545-00-922-1200	2	15
5820-00-928-3382	1	8
5935-00-930-1210	2	63
5340-00-930-1476	2	108
5920-00-930-2307	2	7
5820-00-930-8078	1	2
5820-00-930-8079	1	8
5935-00-931-7490	2	71
5935-00-933-3454	2	77
5120-00-946-5114	2	103
5120-00-946-5148	2	102
5915-00-946-5369	2	5
5935-00-947-2925	2	98
5975-00-947-3068	2	86
5935-00-949-5244	2	69
5935-00-957-0807	2	67
5935-00-965-8146	2	88
5820-00-987-9269	2	87
5935-00-992-0304	2	72
5935-00-992-0311	2	84
6250-00-995-9074	2	129
5935-00-999-6934	2	11

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AAA710	81349	2	92
ANGRC103V	80058	1	6
BJ79-2	14949	2	64
BTG6B12-3S	09922	2	59
BZ2RW822A2	91929	2	109
CB101	23404	2	108

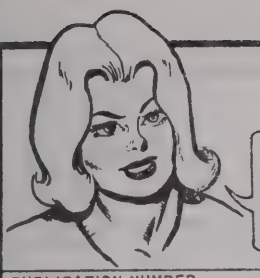
PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CG3419U	80058	5	1
CG3473U	80058	5	2
CV1548G	80058	1	7
CW282AU	80058	2	56
CW593U	81349	2	87
CX10734G	80058	2	21
CX10764G	80058	5	3
CX11727G	80058	5	4
CX7453AU	80058	2	20
CX7705AU	80058	2	22
ESC194239GR2	80063	2	98
ESC194240GR2	80063	2	99
GGGT1066	81349	2	96
G1519A128B1-25P	06324	2	19
JW17-1122	56289	2	5
LS147CFI	80058	1	4
MILL19037	81349	2	136
MR36W100ACCAR	81349	3	8
MR36W150ACVVR	81349	3	7
MS25103-23	96906	3	6
MS25244-10	96906	2	57
MS25308-232	96906	2	8
MS3114E14-19P	96906	2	65
MS3116F12-10P	96906	2	74
MS3116F12-10S	96906	2	82
MS3116F12-10S1	96906	2	81
MS3116F12-8P	96906	2	60
MS3116F12-8P	96906	2	61
MS3116F12-8S	96906	2	62
MS3116F8-3S	96906	2	73
MS3515-1	96906	2	58
MS35170-260D	96906	2	66
MS90376-14Y	96906	2	55
MX148G	80058	2	2
MX3543G	80063	2	122
NE34	24455	2	134
NE51	24455	3	2
PL75	14949	2	76
PT02E10-98S	77820	2	84
PT06E10-98PSR	77820	2	72
PT06W14-19S	77820	2	67
P15C10	17032	2	107
Q0-115	04809	3	3
Q0-115	04809	3	3
Q0-120	04809	3	4
Q0-120	04809	3	4
Q0-1515	04809	3	5
Q0-2020	04809	3	5
Q0-250	04809	3	10
RC435U	80058	2	120
SCB539492	80063	2	106
SCB539504	80063	2	126
SCB539547	80063	2	105
SCB539548	80063	2	104
SCB539592	80063	2	102
SCB539593	80063	2	103
SCB547233	80063	2	7
SCC343394GP1	80063	2	31
SCC388423	80063	2	51
SCC539451	80063	2	3
SCC539466	80063	2	130
SCC539466-1	80063	2	127
SCC539468	80063	2	112
SCC539469	80063	2	13
SCC539475	80063	2	10
SCC539491	80063	2	14
SCC539495	80063	2	137
SCC539496	80063	2	100
SCC539502-4	80063	2	17
SCC539503	80063	2	97
SCC539505	80063	2	4
SCC539526	80063	2	118
SCC539894-3	80063	2	93
SCC539894-4	80063	2	94
SCC76202-1	80063	2	123
SCD539454	80063	2	95
SCD539471	80063	2	119
SCD539482	80063	2	113
SCD539483	80063	2	15
SCD539552	80063	2	117
SCD539825	80063	2	12
SCD595511GP1	80063	2	23
SCD595511GP1	80063	2	34
SCD595511GP2	80063	2	24
SCD595511GP2	80063	2	35
SCD595511GP3	80063	2	25
SCD595511GP3	80063	2	36
SCD595511GP4	80063	2	26
SCD595511GP4	80063	2	37
SCD595511GP5	80063	2	38
SCD595511GP6	80063	2	39
SCD595511GR86	80063	4	6
SCD595511GR87	80063	4	1
SCD595511GR88	80063	4	2
SCD627081GP1	80063	2	42
SCD627081GP2	80063	2	43
SCD627083GP1	80063	2	44
SCD627084GP1	80063	2	30
SCD627091GP1	80063	2	29
SCD627091GP2	80063	2	45
SCD627093GP1	80063	2	28
SCD627094GP1	80063	2	27
SCD627094GP2	80063	2	46
SCD627148	80063	2	6
SCD681007GP1	80063	2	47
SCD681007GP2	80063	2	54
SCD681112GP1	80063	2	32
SCD681112GP2	80063	2	33
SCD681112GR2	80063	4	4
SCD693646	80063	2	114
SCD693658GP1	80063	2	40
SCD693658GP2	80063	2	41
SCD693658GR10	80063	4	5
SCD693658GR9	80063	4	3
SCD693662	80063	2	48
SMD586160	80063	2	49
SMD693662	80063	2	50
SP289	81831	2	111
S32943	56289	2	131
S380ATRC145	80058	1	5
S390ATRC145	80058	1	5
S390TRC145	80058	1	5
TA312PT	80058	1	3
TD204U	80058	1	2
TD660AG	80058	1	8
TD660G	80058	1	8
TD754G	80058	1	2
TSECKG27	80058	1	1
UG1375U	80058	2	79
UG1837U	80058	2	80
UG260EU	80058	2	68
UG414AU	80058	2	78
UG573BU	80058	2	70
UG710BU	80058	2	75
UG710CU	80058	2	52
UG910CU	80058	2	53
UP221M	80058	2	71
U10EU	80058	2	124
U187BG	80058	2	83
U237BG	80058	2	9
U238BG	80058	2	85
U3780FS	21873	2	86
WT26U	80058	2	121
10-101960-103	12143	2	89
10-37093-323	77820	2	18
10-37147-28	77820	2	88
12-240	72619	2	129
1201	74545	2	110
13738	91737	2	63
13739	91737	2	69
16532	91737	2	90
25T8DC	99407	2	128
2800	29335	2	1
3CT11B	93993	3	9

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
37-0408-0331-245	72619	3	1
4109	74545	2	135
50WR S	02580	2	101
5225	75582	2	11
5261	74545	2	116
5262	74545	2	115
5361	74545	2	77
5521-1	03497	2	91
591B	07777	2	133
78X736	24455	2	125
800090	33363	2	16
89G457D	99407	2	132

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5995-00-195-0958	4	2
5935-00-702-1207	2	75

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



SOMETHING WRONG WITH THIS MANUAL?

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FROM: (YOUR UNIT'S COMPLETE ADDRESS)
Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE 10 July 1975

PUBLICATION NUMBER	DATE	TITLE
TM 11-5840-340-12	23 Jan 74	Radar Set AN/PPC-76

BE EXACT...PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.
2-25	2-28		
3-10	3-3		3-1
5-6	5-8		
		F03	

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 25 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

Item 5, Function column. Change "2 db" to "3db."

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

Add new step f.1 to read, "Replace cover plate removed in step e.1, above."

REASON: To replace the cover plate.

Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."

REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER
SSG I. M. DeSpiritof 999-1776

SIGN HERE: SSG I. M. DeSpiritof

DA FORM 1 AUG 74 2028-2 (TEST)

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HISA 1686-75

TEAR ALONG DOTTED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.	

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MAAG (1)
USARMIS (1)
Sig FLDMS (1)
USAERDAA (1)
USAERDAW (1)
Instl (2) except
Fort Gordon (10)
Fort Huachuca (10)
Fort Carson (5)
Ft Richardson (ECOM) (2)
LBAD (14)
SAAD (30)
TOAD (14)
SHAD (3)
Ft Gillem (10)
Units org under the fol TOE: (1 cy)
7
11-35
11-37
11-85
11-97
11-98
11-237
11-302
11-327
11-347
11-500(AA-AC)
17
29-134
29-136
37
44-235
44-236
44-535
44-536

NG: None
USAR: None
For explanation of abbreviations used, see AR 310-50.

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